International application No. PCT/KR2004/002881

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C02F 1/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B01D, B01J, C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for invention since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) eKIPASS, Delphion, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 98-77107 A (Daewoo Electronics Co., Ltd.) 16 November 1998 see the whole document	1-14
A	KR 99-83888 A (Woongjin Coway Co., Ltd.) 6 December 1999 see the whole document	1-14
A	US 4469602 A (Autotrol Corporation) 4 September 1984 see the whole document	1-14
. A	US 5699272 A (Culligan International Company) 16 December 1997 see the whole document	1-14
Α .	JP 7-232167 A (Matsushita Electric Ind. Co., Ltd.) 5 September 1995 see the whole document	1-14
P, X	KR 04-47152 A (Seung Gwang Co., Ltd.) 5 June 2004 see the whole document	1-14
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	Further documents are	listed in	the con	ntimustion of	'Rox	C
	i Fuiulci documents are	nsicu in	uie coi	iuiiuauoii vi	DUA	v.

See patent family annex.

- Special categories of cited documents:
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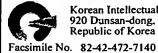
Date of mailing of the international search report

Date of the actual completion of the international search

23 MARCH 2005 (23.03.2005)

24 MARCH 2005 (24.03.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Authorized officer

LEE, Jin Yong

Telephone No. 82-42-481-8116



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/002881

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